

Please amend claims 22, 25 and 26 as follows:

--22. (Amended) Wireless transmission system,

comprising a plurality of public access servers and at least one mobile terminal,

wherein the mobile terminal is designed to upload/download content from one of said

public access servers by means of a wireless transmission and the public download servers all

operate with the same transmission frequency in a non-licensed band;

each public access server downloads/uploads content to mobile terminals only within a small localized area; and

there is no hand-over between adjacent public access servers.--

--25. (Amended) Wireless transmission system according to claim 22,

characterized in that

said small localized area is within 20 meters of each public download server.--

--26. (Amended) Method for uploading and/or downloading content from public access servers

to/from mobile terminals over an air interface,

wherein the air interface uses a non-licensed frequency band and the transmission itself is free of charge,

each public access server downloads/uploads content to/from a mobile terminal within a small localized area in the vicinity of that public access server; and

there is no hand-over between adjacent public access servers.--

Please add the following claims 34-51:

--34. (New) Wireless transmission system comprising:

a public download server connected to an information source;

an antenna for transmitting data provided by said server; and

a mobile terminal operable to receive the transmitted data;

wherein said antenna has a kidney shaped beam in cross-section.--

AG
Cont.

--35. (New) The system according to claim 34 wherein said antenna is mounted on a vertical surface, and said kidney shaped beam has a local minimum level in said cross section in a direction opposing said surface.--

--36. (New) The system according to claim 34 wherein said antenna is mounted on a ceiling, and said kidney shaped beam has a local minimum level in said cross section in a direction opposing said ceiling.--

--37. (New) The system according to claim 34 wherein said antenna transmits the data at a frequency in the 59 to 64 GHz band.--

--38. (New) The system according to claim 34 wherein the communication range of a data transmission between the public download server and the mobile terminal is 20 meters or less.--

--39. (New) The system according to claim 34 wherein the mobile terminal is provided with a narrow beam antenna.--

--40. (New) The system according to claim 34 wherein the public download server is connected to a broadband data highway or a main server by means of a wireless point-to-point connection.--

--41. (New) The system according to claim 34 wherein the public download server is connected to a broadband data highway or a main server by means of a point-to-multipoint wireless local loop connection.--

AG
cont.
--42. (New) The system according to claim 34 wherein the public download server and the mobile terminal are designed for a dual frequency band operation, one transmission frequency being the 59 to 64 GHz band and a second transmission frequency band being a frequency band below the 59 to 64 GHz band.--

--43. (New) Wireless transmission system comprising:

‘a fixed hub provided with an antenna having a kidney shaped beam in cross-section; and
a mobile terminal;

whereby said fixed hub is operable to transmit data via said kidney shaped beam to said mobile terminal.--

--44. (New) The system according to claim 43 wherein said antenna is mounted on a vertical surface, and said kidney shaped beam has a local minimum gain level in said cross section in a direction opposing said surface.--

--45. (New) The system according to claim 43 wherein said antenna is mounted on a ceiling, and said kidney shaped beam has a local minimum gain level in said cross section in a direction opposing said ceiling.--

--46. (New) The system according to claim 43 wherein said antenna transmits the data at a frequency in the 59 to 64 GHz band.--

--47. (New) The system according to claim 43 wherein the communication range of a data transmission between the fixed hub and the mobile terminal is 20 meters or less.--

As Cont. --48. (New) The system according to claim 43 wherein the mobile terminal is provided with a narrow beam antenna.--

--49. (New) The system according to claim 43 wherein the fixed hub is connected to a broadband data highway or a main server by means of a wireless point-to-point connection.--

--50. (New) The system according to claim 43 wherein the fixed hub is connected to a broadband data highway or a main server by means of a point-to-multipoint wireless local loop connection.--

--51. (New) The system according to claim 43 wherein the fixed hub and the mobile terminal are designed for a dual frequency band operation, one transmission frequency being the 59 to 64